

01263.001779



**BEST AVAILABLE COPY** PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:	)	
JEBU JACOB RAJAN	)	Examiner: W. Starks
Application No.: 09/866,597	)	Group Art Unit: 2121
Filed: May 30, 2001	)	Allowed: November 24, 2004
For: SIGNAL PROCESSING SYSTEM	)	Confirmation No.: 4953
	)	February 24, 2005

**Mail Stop Issue Fee**  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**SECOND REQUEST FOR CONSIDERATION OF  
PREVIOUSLY-FILED INFORMATION DISCLOSURE STATEMENTS**

Sir:

Applicant received a Notice of Allowance dated November 24, 2004 in the above-identified application. However, a matter needs to be resolved before the Issue Fee is paid.

Applicant has not yet received acknowledgment that the Information Disclosure Statements (IDS's) filed on April 6, 2004 and July 8, 2004, have been considered. It is hereby requested that the Examiner indicate that he considered the information cited in those IDS's by returning initialed copies of the Forms PTO-1449 submitted therewith. For the Examiner's convenience, copies of the IDS's, including the Forms PTO-1449, and the stamped receipt postcards indicating receipt of the same by the U. S. Patent and Trademark Office, are enclosed.

A Request for Consideration of Previously-filed Information Disclosure

Statements was filed on December 30, 2004. However, to date Applicant has received no response to that Request. Accordingly, the instant Second Request is being filed.

Applicant's undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our address given below.

Respectfully submitted,



Attorney for Applicant  
Douglas W. Pinsky  
Registration No. 46,994

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
Facsimile: (212) 218-2200

DWP/tmc

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Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date 07/08/04  
Mo. Day Yr.

Atty. Docket 01263.001779

Application No. 09/86,597

Sir:

Kindly acknowledge receipt of the accompanying:

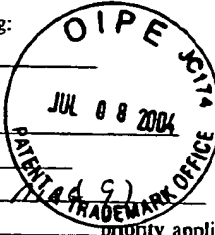
- ☐ Response to Official Action. \_\_\_\_\_
- ☐ Check for \$ \_\_\_\_\_ (claims fee)
- ☐ Petition under 37 CFR 1.136 and Check for \$ \_\_\_\_\_
- ☐ Notice of Appeal and Check for \$ \_\_\_\_\_
- ☒ Information Disclosure Statement, PTO-1449 and 17 documents
- ☐ Claim for priority and certified copies of \_\_\_\_\_ priority applications
- ☐ Issue fee transmittal and Check for \$ \_\_\_\_\_
- ☐ Other (specify) \_\_\_\_\_

by placing your receiving date stamp hereon and returning to deliverer.

Atty. MHW/ky

Due Date 07/07/04  
Mo. Day Yr.

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FOHS-D-08

01263.001779

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: )  
Jebu Jacob Rajan ) Examiner: W. Starks  
Application No.: 09/866,597 ) Group Art Unit: 2121  
Filed: May 30, 2001 )  
For: SIGNAL PROCESSING SYSTEM ) July 8, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FIFTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, Applicant directs the Examiner's attention to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

The listed documents were cited in the following pending applications:

Application No. 09/866,595 (in an Office Action dated April 30, 2004); and

Application No. 09/866,596 (in an Office Action dated April 7, 2004).

FORMAL MATTERS

A non-final Office Action was mailed on February 26, 2004. Applicant submitted a Fourth Information Disclosure Statement on April 6, 2004 and enclosed a check for the fee of \$180.00 at that time. The Commissioner is hereby authorized to charge any further fee deemed to be required in connection with the filing of this paper to Deposit Account No. 06-1205.

A duplicate of this paper is enclosed.

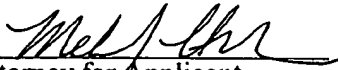
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CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned, indicating that such information has been considered.

Applicant's undersigned attorney may be reached in Washington, D.C. by telephone at (202) 530-1010. All correspondence should continue to be directed to the address given below.

Respectfully submitted,

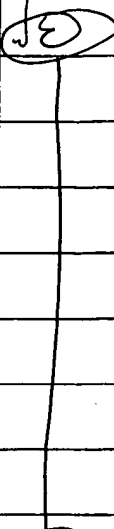

  
Attorney for Applicant  
Melody H. Wu  
Registration No. 52,376

FITZPATRICK, CELLA, HARPER & SCINTO  
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New York, New York 10112-3801  
Facsimile: (212) 218-2200  
MHW:ayr  
171123 v 1

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FORM PTO 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  Date: July 8, 2004		ATTY DOCKET NO. <b>01263.001779</b>		APPLICATION NO. <b>09/866,597</b>	
APPLICANT <b>JEBU JACOB RAJAN</b>		FILING DATE <b>May 30, 2001</b>		GROUP <b>2121</b>	

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	6,708,146 B1	03/16/2004	Sewall et al.	704	217	
	6,516,090 B1	02/04/2003	Lennon et al.	382	173	
	6,438,513 B1	08/20/2002	Pastor et al.	702	191	
	6,377,919 B1	04/23/2002	Burnett et al.	704	231	
	5,884,255	03/16/1999	Cox	704	233	
	5,799,276	08/25/1998	Komissarchik et al.	704	251	
	5,742,694	04/21/1998	Eatwell	381	94.2	
	5,611,019	03/11/1997	Nakatoh et al.	395	2.42	
	4,811,399	03/07/1989	Landell et al.	381	43	

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)


EXAMINER <i>William E. Settles, Jr.</i>	DATE CONSIDERED <b>MAY 13 2005</b>
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Sheet 1 of 1

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Date 04 10 6 104  
Mo. Day Yr.

Atty. Docket 026300174

Application No. 09/866,597

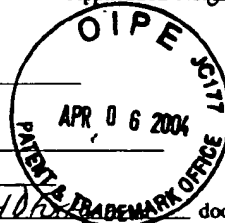
Sir:

Kindly acknowledge receipt of the accompanying:

- ☐ Response to Official Action.
- ☒ Check for \$ 180.00 (DOS fee)
- ☐ Petition under 37 CFR 1.136 and Check for \$ \_\_\_\_\_
- ☐ Notice of Appeal and Check for \$ \_\_\_\_\_
- ☒ Information Disclosure Statement, PTO-1449 and (40) documents
- ☐ Claim for priority and certified copies of \_\_\_\_\_ priority applications
- ☐ Issue fee transmittal and Check for \$ \_\_\_\_\_
- ☒ Other (specify) 5 416 Search Reports  
2 CP Search Reports
- by placing your receiving date stamp hereon and returning to deliverer.

Atty. M. H. Hylke

Due Date NIDIP  
Mo. Day Yr.



FCIS-D-00

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01263.001779

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Jebu Jacob Rajan

Application No.: 09/866,597

Filed: May 30, 2001

For: SIGNAL PROCESSING SYSTEM

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Examiner: W. Starks

Group Art Unit: 2121

April 6, 2004

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

FOURTH INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, Applicant directs the Examiner's attention to the documents listed on the enclosed Form PTO-1449. Copies of the listed documents are also enclosed.

Five United Kingdom Search Reports (dated January 29, 2002, February 1, 2002, February 6, 2002, July 31, 2002, and August 1, 2002) and two European Search Reports (dated November 27, 2003 and December 23, 2003) from related applications, which cite some of the listed documents, are enclosed for the Examiner's convenient reference.

JP 2001/044926 relates to measuring communication quality of a mobile communication system. An English language abstract (two versions) is enclosed as a concise statement of the relevance of this document.

Applicant would like to note that the article "Bayesian Approach to Parameter Estimation and Interpolation of Time-varying Autoregressive Processes Using the Gibbs Sampler," cited in the EP Search Reports, was previously cited in this application in the

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Information Disclosure Statement filed on January 22, 2002. A copy of the article was submitted with that Statement.

Applicant also notes that GB 2 361 339 A is equivalent to WO 00/45375.

#### FORMAL MATTERS


A non-final Office Action was mailed on February 26, 2003. In accordance with 37 C.F.R. § 1.97(c)(2), enclosed is a check for the fee of \$180.00 for this Information Disclosure Statement. Please charge any additional fee required, and credit any overpayment, to Deposit Account No. 06-1205. A duplicate of this paper is enclosed.

#### CONCLUSION

It is respectfully requested that the above information be considered by the Examiner and that a copy of the enclosed Form PTO-1449 be initialed and returned, indicating that such information has been considered.

Applicant's undersigned attorney may be reached in Washington, D.C. by telephone at (202) 530-1010. All correspondence should continue to be directed to the address given below.

Respectfully submitted,

  
\_\_\_\_\_  
Attorney for Applicant  
Melody H. Wu  
Registration No. 52,376

FITZPATRICK, CELLA, HARPER & SCINTO  
30 Rockefeller Plaza  
New York, New York 10112-3801  
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MHW:ayr  
160340 v 1

FORM PTÖ 1449 (modified)  U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE  LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary)  Date: April 6, 2004		ATTY DOCKET NO. <b>01263.001779</b>  APPLICANT <b>JEBU JACOB RAJAN</b>  FILING DATE <b>May 30, 2001</b>		APPLICATION NO. <b>09/866,597</b>  GROUP <b>2121</b>	
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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	4,386,237	05/31/1983	Virupaksha et al.	179	15.55 R	
	4,905,286	02/27/1990	Sedgwick et al.	381	43	
	5,012,518	04/30/1991	Liu et al.	381	42	
	5,432,884	07/11/1995	Kapanen et al.	395	2.37	
	5,884,269	03/16/1999	Cellier et al.	704	501	
	6,134,518	10/17/2000	Cohen et al.	704	201	
	6,226,613 B1	05/01/2001	Turin	704	256	
FOREIGN PATENT DOCUMENTS						
DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT	
GB 2 137 052 A	09/26/1984	Great Britain			In English	
WO 92/22891	12/23/1992	PCT			In English	
EP 0 554 083 A2	08/04/1993	Europe			In English	
EP 0 631 402 A2	12/28/1994	Europe			In English	
	Srinivasan, et al., "Query Expansion for Imperfect Speech: Applications in Distributed Learning," Proc. IEEE Workshop on Content-Based Access of Image and Video Libraries, 2000, pp. 50-54					
	Couvreur, et al., "Wavelet-based Non-Parametric HMM's: Theory and Applications," Proc. International Conference Acoustics, Speech and Signal Processing, Istanbul, Vol. 1, June 5-9, 2000, pp. 604-607					
	Hopgood, et al., "Bayesian Single Channel Blind Deconvolution Using Parametric Signal and Channel Models," Proc. IEEE Workshop on Applications of Signal Processing to Audio and Acoustics, New Paltz, NY, October 17-20, 1999, pp. 151-154					
	Andrieu, et al., "Bayesian Blind Marginal Separation of Convolutively Mixed Discrete Sources," IEEE Proc., 1998, pp. 43-52					
EXAMINER	DATE CONSIDERED <b>MAY 13 2005</b>					

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	EP 0 674 306 A2	09/27/1995	Europe			In English
	WO 98/38631	09/03/1998	PCT			In English
	GB 2 332 054 A	06/09/1999	Great Britain			In English
	GB 2 332 055 A	06/09/1999	Great Britain			In English
	WO 99/28760	06/10/1999	PCT			In English
	WO 99/28761	06/10/1999	PCT			In English
	EP 0 952 589 A2	10/27/1999	Europe			In English
	WO 99/64887	12/16/1999	PCT			In English
	WO 00/11650	03/02/2000	PCT			In English
	EP 0 996 112 A2	04/26/2000	Europe			In English
	WO 00/38179	06/29/2000	PCT			In English
	GB 2 345 967 A	07/26/2000	Great Britain			In English
	EP 1 022 583 A2	07/26/2000	Europe			In English

OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)	

EXAMINER 	DATE CONSIDERED <b>MAY 13 2005</b>
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		APPLICANT <b>JEBU JACOB RAJAN</b>		<div style="border: 1px solid black; border-radius: 50%; padding: 10px; display: inline-block;"> <b>FEB 24 2005</b> </div>		
		FILING DATE <b>May 30, 2001</b>				GROUP <b>2121</b>
U.S. PATENT DOCUMENTS						
*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO/ OR ABSTRACT
	WO 00/45375	08/03/2000	PCT			In English
	WO 00/54168	09/14/2000	PCT			In English
	GB 2 349 717 A	11/08/2000	Great Britain			In English
	JP 2001/044926	02/16/2001	Japan			Abstract
	GB 2 356 106 A	05/09/2001	Great Britain			In English
	GB 2 356 107 A	05/09/2001	Great Britain			In English
	GB 2 356 313 A	05/16/2001	Great Britain			In English
	GB 2 356 314 A	05/16/2001	Great Britain			In English
	GB 2 360 670 A	09/26/2001	Great Britain			In English
	GB 2 361 339 A	10/17/2001	Great Britain			In English
	EP 1 160 768 A2	12/05/2001	Europe			In English
	GB 2 363 557 A	12/19/2001	Great Britain			In English
EP 1 034 441 B1	04/02/2003	Europe			In English	
OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)						
EXAMINER			DATE CONSIDERED			
			<b>MAY 10 2003</b>			

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